

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2015-06 MCCRACKEN / US 60 / 01-0154.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - MCCRACKEN
Route - US 60
Item No. - 01-0154.00
Project Description - CONSTRUCT A DOUBLE-CROSSOVER DIAMOND INTERCHANGE ON US 60 AT THE I-24 INTERCHANGE NEAR KENTUCKY OAKS MALL.

II. PROJECT INFORMATION

Project Manager - Chris Kuntz, PE
User Division - Highway Design
Approximate Fee - \$600,000 Preliminary and Final Design (Lump Sum)
Project Funding - NH (National Highway System) Federal Funds
Project Length - Approximately 0.5 miles

III. PURPOSE AND NEED

The purpose of this project is to increase safety and reduce traffic delays experienced at and within the vicinity of the I-24/US 60 interchange. This section of US 60 carries approximately 25,000 vehicles per day. Rear-end and angle collisions related to congestion and access problems are a major problem on this corridor. Development in the corridor has increased steadily over the last 20 years and is expected to continue.

IV. DBE REQUIREMENT

The consultant team shall include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected consultant will be required to provide engineering services to perform Preliminary Engineering and Final Roadway Design. Preliminary Engineering will include typical sections,

line and grade, drainage and cost estimate. Final Roadway design includes, at a minimum, preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, striping plans, signal plans, signing plans, lighting plans and cost estimates.

An Interchange Modification Report (IMR) will be prepared with expected deliverables of the preliminary interchange layouts and cost estimates (construction, utilities and right-of-way). Study limits are from approximately MP 2.5 to MP 7.0 on I-24.

The selected consultant will be required to analyze adjacent traffic signals and access management strategies to ensure interchange reconstruction achieves full capacity enhancements.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

An extra 2 pages will be allowed for Page 7 Project Approach in the response to announcement for a total of 5 pages (A-E). Including the extra page for DBE Participation Plan, Page 7 Project Approach in the Response to Announcement for a total of 6 pages (A-F).

An extra 5 pages will be allowed for Page 4 Relative Experience of Key Project Team Members in the response to announcement for a total of 10 pages (A-J). An extra 5 pages will be allowed for Page 6 Relative Experience of Proposed Team in the response to announcement for a total of 10 pages (A-J). There will be no limit to the number of key team members within the 10 pages allowed for Page 4 Relative Experience of Key Project Team Members and the 10 pages allowed for Page 6 Relative Experience of Proposed Team in the response to announcement for this project

VII. AVAILABLE STUDIES

[Scoping Study for McCracken County: US 60, Item No. 1-125](#)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

The Department will provide environmental services. The expected environmental document is a Categorical Exclusion Level 3.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDar data for the project area. The consultant will be responsible for any additional ground survey required to complete preliminary

and final design. This may include, but it not limited to: topo work, control, monumenting, drainage pick-ups, drainage situations, pavement tie downs, property corners and utility locations.

XI. STRUCTURE DESIGN

The selected consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Department.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC

The selected consultant will be responsible for a preliminary layout plan in Preliminary Engineering for Roadway Lighting and Traffic Signals so that physical three dimensional aspects of light poles and signal locations can be considered by the design team to evaluate (1) sight distance concerns throughout the Double Crossover Diamond type interchange footprint, (2) to strategically locate lighting to assure appropriate lighting for all users and roadway signs, and (3) to strategically locate signals to supplement setting striping for the DCD type interchange.

The selected consultant shall provide final lighting and signal plans during Final Roadway design.

XIV. RIGHT OF WAY

The selected Consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right of way and property lines. Right of way summary sheets shall be provided with the Preliminary Line & Grade submittal showing areas of taking for each alignment alternative.

XV. UTILITIES

The selected consultant shall locate all existing utilities and locate them on the plans provided to the Department. The Department will develop the utility contact list. All utilities including aerial carriers shall be field-verified by the consultant. Sizes and types of underground and aerial utilities shall be identified on the plans.

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project, the proposed consultant must be prequalified for the following by the response due date of this advertisement:

ROADWAY DESIGN

- Urban Roadway Design
- Surveying

TRAFFIC ENGINEERING

- Electrical Engineering Roadway Lighting Services
- Electrical Engineering Traffic Signal Services

- Traffic Engineering

TRANSPORTATION PLANNING

- Traffic Demand and Simulation Modeling

XVII. PROCUREMENT SCHEDULE

- Advertisement Date – Tuesday, December 9, 2014
- Response Due - Wednesday, January 14, 2015 by 4:30pm (Frankfort time)
- First Selection - Tuesday, January 20, 2015
- Final Selection - Tuesday, February 3, 2015
- Pre-Design Conference - Tuesday, February 10, 2015
- Fee Proposal Due - Thursday, February 19, 2015
- Contract Negotiations - Tuesday, February 24, 2015
- Notice to Proceed - Wednesday, March 25, 2015

XVIII. PROJECT SCHEDULE

- DRAFT IMR - July 15, 2015
- FINAL IMR - September 15, 2015
- PRELIMINARY LINE AND GRADE INSPECTION - November 15, 2015
- JOINT INSPECTION - April 1, 2016
- FINAL PLANS - September 1, 2016

XIX. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

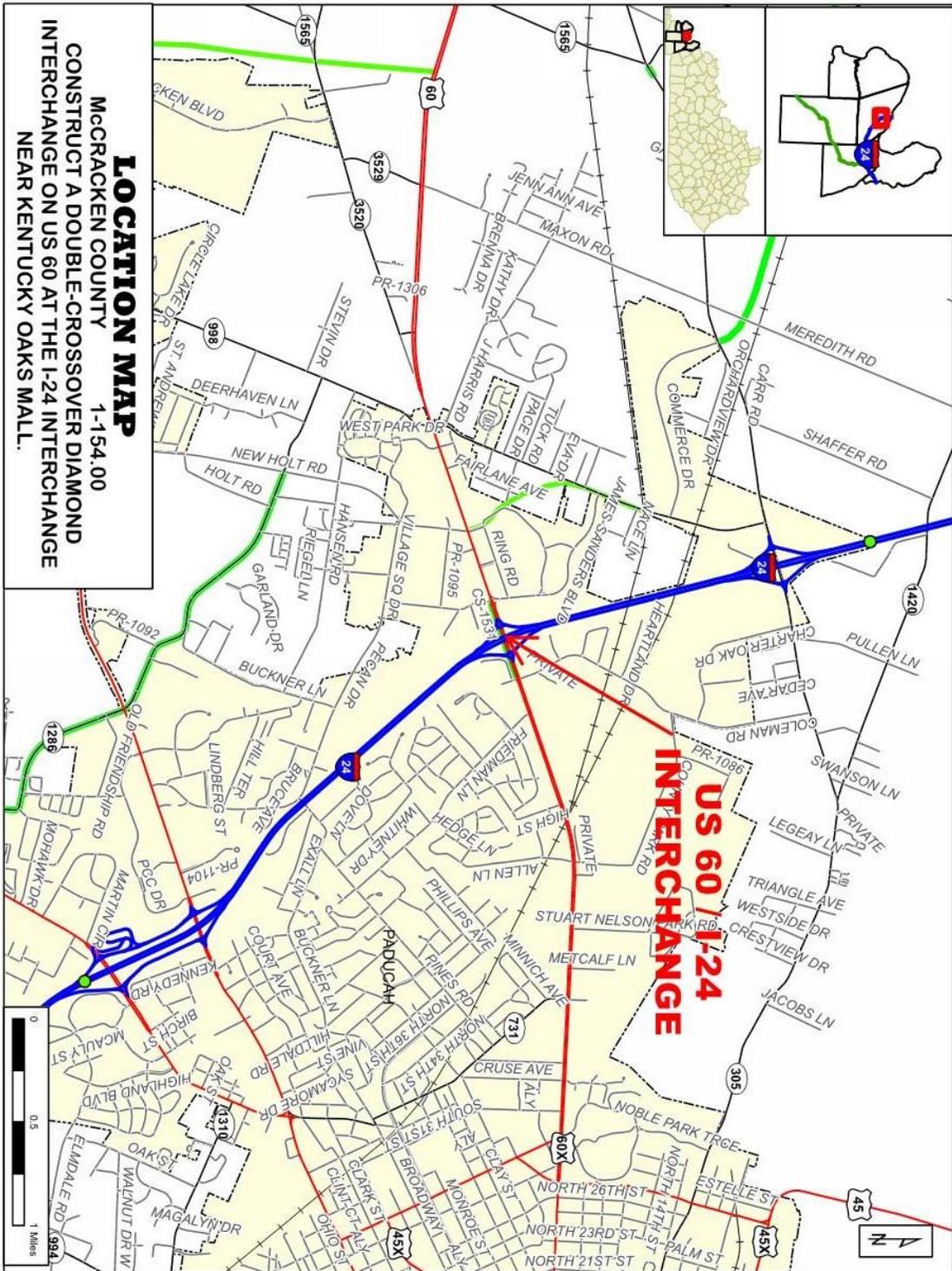
1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. DBE Participation Plan (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XX. SELECTION COMMITTEE MEMBERS

1. Chris Kuntz, PE, User Division
2. David Martin, PE, User Division
3. Jill Asher, PE, Secretary's Pool
4. Ron Matar, PE, Secretary's Pool
5. Gregory Walker, Governor's Pool

XXI. AREA MAP



Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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